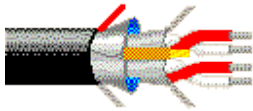


3115A Multi-Conductor - Thermocouple Extension Cable

For more Information
please call

1-800-Belden1



General Description:

20 AWG pairs solid conductors, PVC insulation, individually shielded plus an overall Beldfoil shield (100% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 1 | 20 | Solid | Iron |
| 1 | 20 | Solid | Constantan |
| | 22 | 7x30 | BC - Bare Copper |

Total Number of Conductors: 5

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (mm) |
|--------------------------|---------------------|
| PVC - Polyvinyl Chloride | 0.4064 |

Inner Shield

Inner Shield Material:

| Inner Shield Trade Name | Type | Inner Shield Material | Coverage (%) |
|-------------------------|------|------------------------------|--------------|
| Beldfoil® | Tape | Aluminum Foil-Polyester Tape | 100 |

Inner Shield Drain Wire AWG:

| AWG |
|-----|
| 22 |

Inner Shield Drain Wire Stranding: 7x30

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Outer Shield

Outer Shield Material:

| Outer Shield Trade Name | Type | Outer Shield Material | Coverage (%) |
|-------------------------|------|------------------------------|--------------|
| Beldfoil® | Tape | Aluminum Foil-Polyester Tape | 100 |

Outer Shield Drain Wire AWG:

| AWG | Stranding | Drain Wire Conductor Material |
|-----|-----------|-------------------------------|
| 20 | 7x28 | TC - Tinned Copper |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material |
|--------------------------|
| PVC - Polyvinyl Chloride |

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

| Length (mm) |
|-------------|
| 149.85941 |

Overall Nominal Diameter: 8.433 mm

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Pair

Pair Color Code Chart:

| Number | Color |
|--------|----------------------------|
| 1 | White & Red and Numbered 1 |
| 2 | White & Red and Numbered 2 |

Pair Lay Length & Direction:

| Lay Length (mm) | Twists (twist/m) |
|-----------------|------------------|
| 63.5 | 15.749 |

Mechanical Characteristics (Overall)

| | |
|-----------------------------------|-----------------|
| Operating Temperature Range: | -30°C To +105°C |
| Non-UL Temperature Rating: | 105°C |
| Bulk Cable Weight: | 72.178 Kg/Km |
| Max. Recommended Pulling Tension: | 246.875 N |
| Min. Bend Radius/Minor Axis: | 83.820 mm |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|---------------------------------------|----------------------|
| CEC/C(UL) Specification: | CMG |
| CSA Specification: | FT4 |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| IEEE Specification: | 1202 |
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2002/95/EC (RoHS): | Yes |
| EU RoHS Compliance Date (mm/dd/yyyy): | 04/01/2005 |
| EU Directive 2002/96/EC (WEEE): | Yes |
| EU Directive 2003/11/EC (BFR): | Yes |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS): | Yes |
| ANSI Specification: | MC 96.1-1982 Type JX |

Flame Test

| | |
|----------------|--------------------|
| UL Flame Test: | UL1685 FT4 Loading |
|----------------|--------------------|

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Surface Printing (Overall)

| | |
|-------------------|---|
| Surface Printing: | BELDEN 3115A E34972 2PR20 1C22 THCPL EXTN JX SHIELDED (UL) CMG 105C OR PLTC OR ITC SUN RES DIR BUR OR AWM 2464 80C 300V OR C(uL) CMG ---- FT4 IEEE1202 (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET |
|-------------------|---|

Electrical Characteristics (Overall)

Nominal Outer Shield DC Resistance:

| DCR @ 20°C (Ohm/km) |
|---------------------|
| 22.3108 |

| | |
|---|---------------|
| Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: | 34.779 Ohm/km |
|---|---------------|

Notes (Overall)

Notes: Iron & Constantan = "Constantan is a Hoskins Manufacturing Company trademark."

3115A Multi-Conductor - Thermocouple Extension Cable

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---------------|----------|-------------|-------|-------|-------------------------|
| 3115A 0105000 | 5,000 FT | 315.000 LB | BLACK | C Z | 2FSPR#20,1#22PVCFSPVCJX |

Notes:

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

Revision Number: 1 Revision Date: 04-15-2008

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